

Applicants : Paolo D'Abramo, et al.
Serial No. : Not Yet Assigned
Filed : Herewith
Page : 2

Attorney's Docket No.: 14603-023US1
Client's Ref.: P2003,0641USN

AMENDMENTS TO THE SPECIFICATION:

Please add the following centered heading on page 1, line 2:

TECHNICAL FIELD

Please amend the paragraph on page 1, lines 3 and 4, as follows:

~~The present invention relates to~~ This patent application describes a differential amplifier arrangement.

Please add the following centered heading on page 1, line 5:

BACKGROUND

Please add the following centered heading on page 1, line 19:

SUMMARY

Please delete the paragraph on page 1, lines 20 to 22.

Please amend the paragraph on page 1, lines 24 and 25, as follows:

~~According to the invention, this object is met by~~ In general, in one aspect, the application is directed to a differential amplifier arrangement comprising:

Please amend the paragraph on page 5, lines 15 to 17, as follows:

~~Below, the invention is explained in more detail by means of exemplary embodiments, with reference to several~~ Embodiments of the differential amplifier arrangement are described below with reference to the following drawings.

Please add the following centered heading on page 5, line 18:

DESCRIPTION OF THE DRAWINGS

Please add the following centered heading on page 6, line 1:

DETAILED DESCRIPTION

Please delete pages 11 and 12 in their entirety.

Please replace the Abstract on page 16 with the following new Abstract:

Circuitry for use in a differential amplifier includes an input stage having a first differential amplifier and an offset compensation stage that includes at least one controllable current source. The offset compensation stage is connected to a bias input of the first differential amplifier. The circuitry includes an output stage having a second differential amplifier, where the output stage is after an output of the input stage, and a programmable resistor network for controlling an amplification of the input stage. The programmable resistor network controls the amplification in accordance with a feedback from the first differential amplifier.

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Please delete the phrase "Figure 1" on page 16, line 16.